

ABSTRACT

A pack off system and apparatus that is pneumatic but uses air or gasses that are not derived and have impetus of applied force from below ground level or water bed. The pack off system and apparatus is used for creating a variable or reciprocating seal for materials moved in out of pipes that are used for natural resource extraction, flowing cycles, from drilling through to environment restoration. The pack off system and apparatus has several features such as capabilities to gauge and monitor pressure, and automated control and interaction features. The pack off system and apparatus has several features included in capabilities of the pack off heads, where the may have environmental protection capabilities or capability to change out to or have a dual hydraulic system capability. Another feature includes the use of multiple pack off head arrangements.